

English Title Unknown, by W. Fischer.
GERMAN, per, Z Bot., Vol 51, 1963, pp 348-387.
*NTIS/SI TT 71-55356
Available SI Only

July 71

English Title Unknwon, by A. M. Steiner.
GERMAN, per, Z Bot., Vol 51, 1963, pp 399-423.
*NTIS/SI TT 71-55351
Available SI Only

July 71

English Title Unknown, by J. Fetzer.
GERMAN, per, Z. Bot., Vol 51, 1963, pp 468-506.

*NTIS/SI TT 71-55357

Available SI Only

July 71

English Title Unknown, by H. Mohr.
GERMAN, per, Z. Bot., Vol 52, 1964, pp 209-221.
*NTIS/SI TT 71-55358
Available SI Only

July 71

English Title Unknown, by A. M. Steiner.
GERMAN, per, Z Bot., Vol 52, 1964, pp 245-282.
*NTIS/SI TT 71-55352
Available SI Only

July 71

English Title Unknown, by F. Mayer.
GERMAN, per, Z. Bot., Vol 52, 1964, pp 346-381.
*NTIS/SI TT 71-55361
Available SI Only

July 71

Iron Carbonyl and Carbonly Iron, by A. Mittasch,
GERMAN, per. Z. zngew Chem, 41, 1928, pp 827-
833.
BISI 10086

Sep 7
2

(NY-10)

Research in Inorganic Chemistry at the
Chemical Institute of Berlin University,
Hessische Strasse, by Erich Thilo, 26 pp.

GERMAN, per, Z fuer Chemie, Vol I, No 4,
1961, pp 97-105.

JPRS 10820 X

Sci - Chem
Dec 61

115,488

(NY-10)

Hydrazine Derivatives of Thiophene and
Oxazole, by H. Beyer, S. Melde, K.
Dittrich. 3 pp.

GERMAN, per, Z fuer Chemie, Vol I, No 6,
1961 p 191.

JPRS-1141

11441

178,575

Sci - Chem
Dec 6.

(NY-10)

Possibilities and Problems in the Clinical-
Chemical Analysis of Serum Proteins; by
M. Buechner, 20 pp.

GERMAN, per, Z. fuer Chemie, No 5, 1961,
pp 148-152.

JPRS 10705

Sci - Med, Chem
Nov 61

174,580

(NY-10)

Separation of Amaryllidaceae Alkaloids
by Paper Chromatography, by K. Grada,
3 pp.

GERMAN, per, Z. fuer Chemie, Vol I,
No 5, 1961, p 158.

JPRS 11248

Sci - Chem
Dec 61

7
178,123

(NY-10)

Production of a Synthetic Inorganic
Cation Exchanger and Its Application
for Selective Plutonium Isolation,
by D. Naumann, 7 pp.

GERMAN, per, Z. fuer Chemie,
Vol I, No 8, 1961, pp 247-248.

JPRS 11184

Sci - Chem
Dec 61

7
173,109

Concerning The Existence of a Technetium Carbide,
by W. Trzebiatowski, J. Rudzinski.

GERMAN, per, Z. fuer Chem. No 2, 1962, p 158.

AEC-T-5470

Sci - Chem

Apr 63

726,773

Oxygen Ion Conducting Solid Electrolytes and Their
Application Possibilities, by Hans-Heinrich Mobius,
12 pp.

GERMAN, per, Z fuer Chemie, Vol II, No 4, 1962,
pp 100-106.

ACSI I-4330
ID 2204006964

Sci - Chem
May X 64

254,865

The Autoxidation of Unsaturated Fatty Acid Esters
in the Presence of Protons and Methanol, by
R. Schollner, R. Herzsuh.

GERMAN, ~~xxx~~per, Zeitschrift fuer Chemie, Vol III,
No 1, 1963, pp 27-28.

Fisheries Research
Bd of Canada (Loan)

Sci - Chem
~~Max~~
Sept 64

Investigations on 5,5-bis(1,3,-dihydrobenzo-
2,1,3,-selenodiazole) and the Spectrophotometric
Determination of the Selenium Content of
Mansfield Metallurgical Flue Dust and of
Tilkerode Selenium Ore, by W. Zonnchen.
GERMAN, per, Z. Chemie, Vol 3, No 4, 1963,
pp 151-153.
EZ

Sci -
Jul 67

333,702

Use of Ultrasonic Spraying to Increase the
Sensitivity of Flame Photometry, by
H. Dunken, G. Pforr, et al, 4 pp.
GERMAN, per, Z fuer Chemie, Vol III, No 5,
1963, pp 196-197. 9228405
AEC-NP-Tr-1212

Sci
Apr 65

Gas Chromatographic Investigation of Hydrazine in
Aqueous Solution, by U. Prosch, et al.
GERMAN, per, Zeitschrift fur Chemie, Vol 3, No 12,
1963, pp 468-469.

DAEC 2428

NP-12-1450 P911048967

Sci/Chemistry
Sep 66

Oxygen-Ion-Conducting Solid Electrolytes and
their Applications, by H. Mobius.
GERMAN, per, Zeitschrift für Chemie, Vol 4, No 4,
1964, pp 5-152
CSIRO/No 7144

Sci -
Aug 67

335,093

Possibilities and Methods of X-Ray
Fluorescence or X-Ray Absorption
Analysis with a Radioactive Source,
by G. Brunner.
GERMAN, per, Z. Chem, Vol 4, No 7, 1964,
pp 266-270.
*BISI 5012

Sci-Materials
Sept 66

Theory of the States of Matter, by P. P. von Weimann,
29 pp.

GERMAN, per, Z Chem und Ind Kolloide, Vol II,
1907-1908, pp 199-208.

AEC Tr-42829

Sci - Chem
19 Jan 61

137,320

Theory on the States of Matter, by P. P.
von Weimarn, 23 pp.

GERMAN, per, Z Chem und Ind Kolloide, Vol II,
1907-1908, pp 230-237.

AEC Tr-4230

Sci - Chem, Phys
24 Feb 61

141,069

Theory on the States of Matter, by P. P. von Weimarn,
18 pp.

GERMAN, per, Z Chem und Ind Kolloide, Vol II,
1907-1908, pp 301-307.

AEC Tr-4235

Sci - Chem
19 Jan 61

137,315-

Theory ~~and~~ on the States of Matter, by P. P.
von Weimarn, 22 pp.

~~RESEARCH~~ GERMAN, per, Z Chem und Ind Kolloide,
Vol. II, 1907-1908, pp 326-335.

ABC Tr-4236

Sci - Chem
19 Jan 61

137, 316

Theory on the States of Matter, by P. P. von Weizsacker,
24 pp.

GERMAN, per, Z Chem und Ind Kolloide, Vol II,
1917-1918, pp 275-284.

AEC Tr-4234

135,552

Sci - Phys
9 Jan 61
List 46

A Simple Programming Apparatus for Gas
Chromatography, by H. Abegg.

GERMAN, per, Z. Chromatographie, Vol IX,
1962, pp 405-410.

CSIRO/No 6294

341,529

Sci-Chem

Aug 63

Quick Soils and Flow Movements in Landslides, by
E. Ackermann.

GERMAN, per, Zeit der Deutschen Geolog Gesellschaft,
Vol C, 1948, pp 163-182.

NRCC TT-3 839

Sci - Geophysics
Jan 61

136,433

Occurrence of Microorganisms in Salt Deposits.
(Geomicrobiological Investigations, Part III.

By H. Muller et al.

GERMAN, per, Z. Deut. Geol. Ges., Vol 105, Part 4,
1955, pp 789-802.

NASA TT F-9803

U. S. GOVERNMENT USE ONLY

Sci-HQM

Apr 66

208,758
298,179

Some Foraminifera in the Oil Shale of the Wellington
Seam of the Ruhr, by E. Stach, 3

GERMAN, per, Z deutsch Geol Ges, Vol CVII, 1956,
pp 116-119.

ATS 97-GJ
ATS 98K200

Sci
May 59

87,227

Hydrodynamic Coefficient of the Soil, by
H. Kuhn.

GERMAN, per, Zeitschrift der Deutschen
Geologischen Gesellschaft, No 114, 1962,
pp 6-153
CSIRO/No 7071

Sci -
Jul 67

335,065

Rheological Investigations and Their Possible
Application in Engineering Geology, by M.
Langer.

GERMAN, per, Zeitschrift der Deutschen
Geologischen Gesellschaft, Vol. 114, 1962,
pp 145-150
CSIRO/No. 7097

Sci -
Aug 67

335-721

Action of the Sympathicolytic Regitine on Blood
Sugar and White Blood Count, by H. Unger, 11 pp.
per,

GERMAN, ~~Z. fuer Dent Ges Innere Med u Ihre Grenz-~~
gebiete, Vol IX, No 10, 15 May 1954, pp 484-489.

SLA Tr 758/1955

Sci - Med

50, 216

Jul 57

Manufacture of Dry Batteries, by C. Drotschmann,
45 pp.

GERMAN, per, Z Deut Ing, Vol LXXXIV, No 11,
16 Mar 1940, pp 181 189.

SLA 57-1101

Sci Electronics
Jan 58

58,147

Investigation of the Effect of Magnetic Fields on
the Surveying Gyro, by Klaus Behrnt, 30 pp.

GERMAN, per, Der Zeitschrift des Deutschen
Marscheider-Vereins "Mitteilungen aus dem
Marscheiderwesen, Vol LIX, 1978, pp 26-35.

AMS X-173

Sci - Phys

Feb 79

81,906

On the Biological Effect of Alternating Magnetic
Fields, by E. Colombi, 23 pp.
/o\

GERMAN, par, Z fuer Diatet und ~~Klin~~ Physik
Therap, Vol IX, 1905, pp 125-137.
CIA 631478

ATIC F-TB-9643/III

Sci - Med

Oct 58

75,461

Problems of Sedimentary Petrography, by C. W.
Correns, 8 pp.

GERMAN, per, Z der Deutsch-Geologische
Gesellschaft, Vol C, 1948, pp 158-163.

Library of Geological
Survey of Canada

Sci
Jun 61

153,616

Quick Soils and Flow Movements in Landslides, by
Ernst Ackermann, 62 pp.

GERMAN, per, Z Deutsche Geologische Gesellschaft,
Vol C, 1948, pp 427-467.

6

NRCC C-3206

Sci

Feb 62

Vol III, No 11

Problems of Physical Tectonics - Elastic Stresses and
Friction Stresses, by Rolf Hoeppeker, 42 pp.
GERMAN, per, Z'der Deutschen Geologischen Gesellschaft,
Vol CXIV, Part I, 1962, pp 206-227. 9696162
Amer Meteorol Soc
T-G-64-39

Sci - Phys
Mar 65

275,055

Engineering Geology and Structural Mechanics, by
L. Muller, F. Pacher.
GERMAN, per, Zeitschrift fur Deutschen Geologische
Gesellschaft, No 114, 1962, pp ~~337~~-343
CSIRO/No 7072

Sci -

Jul 67

335,019

On the Influence of Deposits in Tubes on Hydraulic
Pressure Drop, by Wilhelm Wiederhold.
GERAKMAN, per, Zeit des Deutschen Vereins von
Gasund Wasserfachmanner, Vol XC, No 24, 1949,
pp 634-641. 9694959
DDC RSIC-269

Sci - Engr
Oct 64

268,335

Interference-Free DC Current Reception
with the Oscillation Detector,
by H. G. Moller, 32 pp.
GERMAN, bk, Zeitschrift fur Drahtlose Tele-
graphie und Telephonie sowie des Gesamtge-
bietes der Hochfrequenztechnik-Jahrbuch,
Berlin, 1921. 9700284
PSTC HT 23-57-66
ACSI I-9283
ID 2204010466

Sci - Elec
May 66

300,544

62-10998

Bischoff, H. and Förster, F.
THE ELECTROLYSIS OF CALCIUM CHLORIDE
SOLUTIONS. [1961] 16p. 5 refs.
Order from SLA \$1.60

62-10998

Trans. of Zeitschrift für Elektrochemie (Germany)
1897/1898, v. 4, no. 20, p. 464-469.

DESCRIPTORS: *Calcium compounds, *Chlorides,
Solutions, Electrolysis.

(Unannounced)

I. Bischoff, H.
II. Förster, F.

Office of Technical Services

62-10997

I. Ötzel, F.

Ötzel, Felix.
THE ELECTROLYSIS OF CALCIUM CHLORIDE
SOLUTIONS. [1961] 10p. 4 refs.
Order from SLA \$1.10

62-10997

Trans. of Zeitschrift für Elektrochemie (Germany)
1898, v. 5 [no. 1] p. 1-5.

DESCRIPTORS: *Calcium compounds, *Chlorides,
Solutions, Electrolysis.

(Unannounced)

Office of Technical Services

Reduction in Stages of Nitroben ene With Limited
Cathode Potential, by Haber, 21 pp.

GERMAN, per, Zeitschrift f Electrochemie, No 4,
1938, pp 506-~~514~~.

5

NIE

Scientific - Chemistry
CNS/DEX

11,377

Nickel-Chloride-Copper Chloride Electrolysis, by
F. Haber.

GERMAN, per, Z fuer Elektrochemie, Vol IX, Weinheim,
1903, pp 392-399.

Dept of Interior
US Bur of Mines
Eastern Experiment Station
College Park, Md.

Sci - Electron

87, 590

May 59

Equilibrium Measurements in the Sulfuric Acid
Contact Process, by M. Rodenstein, W. Pohl.

GERMAN, per, Z fur Elektrochemie, Vol XI, No
27, Jun 1905.

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 158

Sci - Chem

Jun 59

88,556

Concerning the Chemical Composition of the
Nickel Oxide Electrode in the Jungner-Eilson
Accumulator, by J. Zender.

GERMAN, per, Z Elektrochem, Vol XI, 1905,
pp 809-813.

SLA 57-1453
RAE Farnborough Tr 642

Sci - Chemistry

57

NOV

SLA 57-1773
35,349

Concerning the Chemical and Physical Behavior of
the Nickel Oxide Electrode in the Nickel Oxide
Electrode in the Jungner-Edison Accumulator, by
J. Zender.

GERMANY, par, Z Electrochem, Vol XII, 1906, pp 463-
473.

RAE Farnborough Tr 643

Sci & Chemistry
Nov 57

55,348

SLA 57-2366

The Processes in Iron-Nickel Oxide Accumulators.
1. Nickel Oxide Electrodes, by F. Foerster,
27 pp.

GERMAN, per, Z Elektrochem. Vol XIII, No 28, 1907,
pp 141-134, Appendix Vol XIV, No 2, 1908, pp 17-
19. 414

SLA Tr 57-756

53,053

Sci - Chemistry Physics
Sep 57

63-14423

Förster, F.
PROCESSES IN IRON-NICKEL SUPEROXIDE STORAGE
BATTERIES, PT. I. [1963] [53]p. (figs. omitted)
65 refs.

Order from SLA \$5.60

63-14423

1. Förster, F.

RAE 601

Trans. of Zeitschrift für Elektrochemie (Germany)
1907, v. 13, no. 28, p. 414-434

DESCRIPTORS: *Storage batteries, *Electrodes,
*Nickel compounds, *Oxides, Oxidation, Electrolysis,
Hydroxides, Water, Oxygen, Hydrogen, Electrolytes,
Anodes, Electric potential, Electric discharges,
Capacitance, Chemical analysis, Iron compounds,
*Alkaline cells, Electrochemistry.

Contents:

Introduction

On nickel superoxide electrodes

The composition of the product derived from the elec-
(Engineering--Electrical, TT, v. 10, no. 5) (over)

Office of Technical Services

The Nickel Oxide Electrode In the Jungner-Edison Accumulator. Some Comments on the Treatise by Herr F. Foerster on "Processes in the Iron-Nickel Oxide Accumulator", by J. Zedner, 9 pp.

GERMAN, per, Z. Elektrochem, Vol 13, 1907, pp 752-755.

SIA TR 57-1750

Sci

66,776

On a Relationship Between Electrical Conductivity
and Temperature, by Ewald Rasch, F. Willy Hinrichsen,
11 pp.

GOVERNMENT USE ONLY

GERMAN, per, Zeitschrift fur Elektrochemie, Vol 14,
No 5, 31 January 1908, pp 41-45.

ARM/FSTC/HT-23-409-70

Sci/Elect

Nov 70

Solid Solutions During the Dissociation of Ir-
Oxides, by L. Wohler.

GERMAN, per. Z. Elektrochem. No 14, 1908, pp 97-112.

*NBS TT 70-57509

Sci-Mat

Aug 70

Elementary Theory of Brownian Motion, by A. Einstein.
GERMAN, per, Z. Elektrochem., Vol 14, 1908, pp 235-239.

*NTIS/NBS TT 71-55113

Available NBS Only

June 71

The Processes in Iron-Nickel Oxide Accumulators.
II. Behavior of the Electrolyte, by F. Foerster, 13
pp.

et
GERMAN, per, Z Elektrochem, Vol XIV, No 21,
1908, pp 285-292.

SLA Tr 57-755

53,051

Sci - Chemistry, Physics
Sep 57

Über Die Passivität de Platins, by R. Ruer.
GERMAN, per, Zeitschrift für Elektrochemie,
pp 309-314, Vol 14, No 10, 1960
*Dept of Navy NIC

Sci/Misc
Jan 69

The Electrical Properties of Hg Alloys, by
J. Kinsky.
GERMAN, per, Z. Elektrochem., Vol 14, 1908, pp 406-410.
*NTIS/NBS TT 71-55112
Available NBS Only

June 71

Relation Between Solubility and Hydration Velocity
of Calcium Sulfate, by P. Rohland, 8 pp.

GERMAN, per, Zeit. f. Elektrochemie, Vol XIV,
1908, pp 421-422.

CIA/FDD/X-1720

25,147

Scientific - Chemistry

Jul 55 CT8

Zur Passivit Des Platins, by R. Ruer.
GERMAN, per, Zeitschrift Fur Elektrochemie,
pp 633-634. *Vol 14, pp 38-18 Sept. 1968*
*Dept of Navy NIC

Sci/Misc
Jan 69

About Thorium, by Werner von Bolton, 7 pp.

GERMAN
German, per, Zts. fur Elektrochemie, Vol XIV, 1908,
pp. 768-770.

S.L.A. Tr 18/1956
NP-2012

Scientific - Chemistry

MIN/METALS 33,942

Solid Solutions During the Dissociation of Pt
Oxides, by W. Wohler.
GERMAN, per. Z Elektrochem, No 15, 1909, pp 129-
142.

*NBS TT 70-57508

Sci-Mat
Aug 70

On the Pressing and Ogglomeration of
Metal Powders, by G. Tammann, 4 pp.
GERMAN, per, Z. Elektrochem, vol 15,
1909, pp. 447-450.

*NBS TT 70-57867

Sci/mat
Jun 70

TT-64-10447

Arndt, Kurt, and Loewenstein, Willi.
SOLUTIONS OF LIME AND SILICA IN FUSED CAL-
CIUM CHLORIDE. [1963] 19p (figs omitted) 14refs
Order from SLA \$1.60 TT-64-10447

I. Arndt, K.
II. Loewenstein, W.

Trans. of ~~Zeitschrift für Elektrochemie~~ (Germany)
1909, v. 15 [no. 20] p. 784-790.
Another trans. is available from SLA as II-5, 24p.

DESCRIPTORS: *Electrochemistry, *Fused materials,
Salts, *Silicon compounds, *Calcium compounds,
Oxides, Chlorides, Solubility

(Chemistry--Physical, TT, v. 11, no. 8)

Office of Technical Services

Müller, Erich and Buchner, Max.
THE USE OF PROTECTIVE COLLOIDS TO PRO-
DUCE A TIGHTLY ADHERENT FILM OF CALCIUM
HYDROXIDE ON THE CATHODE. [1962] 11p.

11 refs.

Order from SLA \$1.60

62-10957

Trans. of Zeitschrift für Elektrochemie (Germany)
1910, v. 14, p. 93-96.

DESCRIPTORS: Colloids, Adhesion, Films, Calcium
compounds, Hydroxides, Cathodes (Electrolytic cell).

(Unannounced)

62-10957

I. Müller, E.
II. Buchner, M.

Office of Technical Services

On Manganate Smelting, by P. Askenasy,
S. Klonovsky, 22 pp.

GERMAN, per, Zeitschrift für Elektrochemie,
Vol XVI, 1910, pp 104-114.

S. L. A.

Scientific - Chemistry Dec 54 CTS/DEX

20,819

On the Electrolytic Production of Potassium
Permanganate From Potassium Solutions,
by P. Askenasy, S. Klinowski, 17 pp.

GERMAN, per, Z. fur Elektrochemie, Vol XVI,
1910, pp 170-176.

S. L. A.

Scientific - Chemistry

Dec 54 CTS/DEX

20,820

Studies in Voltage Fuel Cells, by I. Taitelbaum,
GERMAN, per, Zeit. Elektrochem, Vol XVI, 1910,
pp 286-300.
NASA TT F-10,940

Sci-Energy Conversion
Jul 67

332,893

On the Reactions in the Iron-Nickel Superoxide
Storage Batteries. III. The Action of the Iron
Electrode, by F. Forester, V. Herold, 110pp.

GERMAN, per Z fur Elektrochemie, Vol XVI, No 13,
1910, pp. 481-498.

SLA 63-14405

Sci-Chem
Nov 63

Moser, A. and Isgarischew, N.
A CONTRIBUTION TO THE KNOWLEDGE OF THE
CHEMICAL ACTION OF THE SILENT ELECTRICAL
DISCHARGE. [1963] 26p (figs omitted) 30refs
Order from SLA \$2.60

TT-64-14706

Trans. of Z[eitschrift für] Elektrochem[ie] (Germany)
1910, v. 16, p. 613-620.

TT-64-14706

I. Moser, A.
II. Isgarischew, N.

(Chemistry--Physical, TT, v. 11, no. 12)

Office of Technical Services

The Preparation of Formaldehyde from
Methanol by the Catalytic Process, by M.
le Blanc and E. Flaschke, 22 pp.

GERMAN, per, Z. Elektrochem, Vol XVII, No 2,
1911, pp 45-57.

~~SECRET~~-SIMIL

Sci

Jul 58

Assoc Tech Serv

68,459

ATC/819-GT

Schulze, G.
MAXIMUM POTENTIAL OF ELECTROLYTIC VALVE
EFFECT IN FUSED SALTS. [1963] 14p 8 refs
Order from SLA \$1.60

TT-64-10110

L. Schulze, G.

Trans. of Zeitschrift für Elektrochemie (Germany)
1911, v. 17, p. 509-514.

DESCRIPTORS: *Fused materials, Salts. Electrical
properties, Electrochemistry.

(Chemistry--Physical, TT, v. 11, no. 4)

Office of Technical Services

On Aqueous Solutions of Potassium Permanganate and
Potassium Manganate, by O. Sackur, W. Taegener, 19 pp.

Full translation.

GERMAN, per, Zeitschrift für elektrochemie, Vol XVIII,
1912, pp 718-724.

S.L.A.

Scientific - Chemistry

27,290

Aug 55

Vapour Pressures of Metals, by H. von Wartenberg.

GERMAN, per, Zeit Elektrochemie, Vol XIX, 1913,
pp 482-489.

SLA T-2-1153
T.I.L./T. 4626

Sci - Minerals/Metals, Chemistry

May 1956

34,460

62-10628

Haber, F. and Kerschbaum, F.
THE MEASUREMENT OF LOW PRESSURES BY
MEANS OF A VIBRATING QUARTZ FIBER: DETER-
MINATION OF THE VAPOR PRESSURES OF MER-
CURY AND IODINE. [1961] [25]p. 8 refs.
Order from SLA \$2.60 62-10628

Trans. of Zeitschrift für Elektrochemie (Germany)
1914, v. 20, p. 296-305.

DESCRIPTORS: *Measurement, *Low pressure
research, Quartz resonators, *Vapor pressure,
Mercury, Iodine.

- I. Haber, F.
- II. Kerschbaum, F.
- III. Title: Determination . . .

Office of Technical Services

(Unannounced)

Air Pollu #248

R-8539-D

3 Aug 67

Reaktionskinetik und Additivitat Der Inneren Atomwarmen
Bei Idealen Gasen

By: TRAUZ, M.

Brom: Zeit. fur Elektrochemie 1916: 104-107 (4 pp)

German - est for wis:

Please translate and type 1 original and 1 carbon copy.
Document can be cut.

The Peptization of Solid Thorium Oxide,
by V. Kohlschutter, A. Frey.
GERMAN, per, Z für Elektrochemie, Vol XXII,
9, 10 May 1916, pp 145-161. 9232294
AEC-UCRL-Tr-1301-L

Sci - Chem
Mar 66

298,525

The Photo-Chemical Decomposition of Potassium
Cobaltic Oxalate, by Jaroslav Vranek, 23 pp.

GERMAN, per, Zeitschrift fur Elektrochemie, Vol
XXVIII, No 21/22, 1917, pp 336-351.

²
CIA/FDD/~~K~~-83

Scientific - Chemistry
CTS/DEX

10,064

Silver Acetylide, by John Eggert, 10 pp.

GERMAN, per, Z fuer Electrochemie, Vol XXIV, No 11/12,
1918, pp 150-154.

FDD/X-3886

Sci
Nov 59

Discharge Electrolysis - A Contribution to
Electrical Colloid Synthesis, by V. Kohlshutter

GERMAN, Zeitschrift Fur Elektrochemie, Vol 25, 1919,
No 19-20, pp 309-323.

Brutcher Tech Tr No 2824

The Causes of Periodic Effects in the Electrolysis
of Chromic Acid and the Deposition of Metallic
Chromium, by E. Liebreich.

GERMAN, per, Z. Elektrochem., Vol XXVII, No 5/6,
1921, pp 94-110.

TPA3/TIB
T 4420

Scientific - Chemistry
CTS 75/Dec 55

29,345

The Electrolytic Refining of Tin in Sodium Sulphide
Solution, by Bernard Neumann, 17 pp.

GERMAN, per, Zeit f Electrochemie, Vol XXVII, 1921,
pp ~~256~~ 256-268.

S.L.A. Tr 1153/1956

Sci - Chemistry
Oct 56 CTS

40,059

The Influence of Chlorides on the Decomposition
Voltage Curve of Chromic Acid, by E. Lisbrich,

GERMAN, per, Zeit Elektrochem, Vol XXVII,
No 19/20, 1921, pp 452-455.

TPA3/TIB,
T-4421

23,854

Scientific - Chemistry

May 55 CTS

The Vapor Pressure of Some Salts II., by H. von Wartenberg, H. Schulz.

Full translation.

GERMAN, ~~Engl.~~ Z fuer Elektrochem., Vol XXVII, 1921, pp 568-573.

AEC Tr 1332

Scientific - Chemistry, pressure, salts

Aug 52 CTS/DEX

The Theory of Adsorption Processes, by A. Eucken,
32 pp.

GERMAN, per, Z Elektrochem, Vol XXVIII, Jan 1922,
pp 7-16.

SLATA 57-1042
SAA Tr 57-1056

Sci - Phys

52,328

Aug 57

Dependence of the Base Equilibrium in Permutite on the
Concentration of the Surrounding Solution, 12 pp.

UNCLASSIFIED

LEHMANN, per, Z. Elektrochem, Vol XXVIII, 1922,
pp 85-89.

AEC Tr 1940

SLA Tr. 63/56

EUR - Germany
Scientific - Chemistry

17,397-

Decomposition and Formation of Calcium Cyanamide,
by V. Ehrlich, 46 pp.

GERMAN, per, Zts. fur Elektrochemie, Vol XXVIII,
1922, pp 529-542.

S.L.A. Tr 146

32,893

ESur - Germany
Scientific - Chemistry

A New Method for Determining the Melting Point
of Refractory Metals, by Marcello Pirani,
Hans Alterthum, 6 pp.

GERMAN, per, Z fuer Elektrochemie und Angewandte
Physikalische Chemie, Vol XXIX, 1923, pp 5-8.
9229072

AEC-IS-Tr-13

Sci-Phys; Chem
Jul 65

282,634

The Electrolytic Deposition of Chromium,
E. Liebreich.

GERMAN, per, Z. Elektrochem, Vol XXIX,
No 9/10, 1923, pp 208-210.

TPA3/TIB T 4446

29,409

EEur - Germany

Sci - ~~Electronics~~, chemistry

Müller, Erich.

THE ELECTROLYTIC OXIDATION OF FORMIC
ACID. [1961] 20p. 20 refs.
Order from SLA \$1.60

61-10411

Trans. of Zeitschrift [für] Elektrochemie (Germany)
1923, v. 29 [no. 11/12] p. 264-274.

DESCRIPTORS: *Formic acids, Oxidation, *Electroly-
sis, Electrochemistry, Chemical reactions.

61-10411

I. Müller, E.

161590

Office of Technical Services

(Unannounced)

The Water Vapor Equilibrium Over Iron, Tungsten
and Their Oxides, by Lothar Woehler, R. Guenther

GERMAN, per, Z. fuer Elektrochemie, ~~March~~
Vol XXIX, No 11/12, 1923, pp 276-285.

Navy Tr 1429/NRL 586

Sci - Chemistry
Dec 56 CTS

44, 228

3100-1-10

V
Vapour Pressure Thermometer, by A. Stock.

GERMAN, per, Z. Elektrochem, Vol XXIX,
1923, pp 354-358.

Sci - Chemistry

TPA3/TIB T 4528
SLA 57-1760
31,030

62-17161

Stern, O.
THE THEORY OF THE ELECTROLYTIC DOUBLE
LAYER. [1962] 14p.
Order from ATS \$21.95 ATS-68P59G

Trnas. of Z[eitschrift für] Elektrochem[ie] (West
Germany) 1924, v. 30, no. 21/22, p. 508-516.

DESCRIPTORS: *Electrical double layer, Theory.

I. Stern, O.
J. ATS-68P59G
III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS/968-GJ

(Chemistry--Physical, TT, v. 8, no. 3)

Office of Technical Services

The Overvoltage of Hydrogen on Arsenic Cathodes
and the Electromotive Behavior of Arsine, by
G. Grube, 14 pp.

GERMAN, per, Zeit fuer Elektrochemie, Vol XXX,
No 21/22, 1924, pp 517-524.
7231

A.E.R.E. Harveel Lib Tr 664

Sci - Chemistry
March 57 CTS/dex

44,476

Hofman, Konrad.

THE HETEROGENEOUS STEAM AND CARBONIC
ACID DISSOCIATION EQUILIBRIA OVER IRON AND
ITS OXIDES (Die Hetrogenen Wasserdampf- und
Kohlensaure-Dissoziations-Gleichgewichte über Eisen
und Seinen Oxyden). [1963] [18]p. (foreign text included)
8 refs.

Order from SLA \$1.60

63-16746

Trans. of Z[eitschrift für] Elektrochem[ie] (Germany)
1925, v. 31, no. 4, p. 172-176.

DESCRIPTORS: *Steam, *Carbonic acids, Iron, *Iron
compounds, *Oxides, *Chemical equilibrium,
Dissociation, Phase studies, Mathematical analysis.

(Chemistry--Physical, TI, v. 10, no. 7)

63-16746

I. Hofman, K.

Office of Technical Services

The Dissociation of a Metal Oxide, by Fritz Born.
GERMAN, per, Z fuer Elektrochemie und Angewandte
Physikalische Chemie, Vol XXXI, 1925, pp 309-311.
Dept of Interior
TN7 E57 No 732

Sci - M/M
Apr 64

254,631

Determination of the Melting Point of Carbon, by
H. Alterthum, 9 pp.
GERMAN, per, Z Elektrochem, Vol 31, 1925, pp 313-316.
AEC/SC-T-71-3015

Mar 71

Equilibria in Salt Fusions. (Reactions between fused alloys of the Alkalies and alkaline earths and their fused chlorides), by Karl Jellinek, 12 pp.

Full translation.

GERMAN, per, Z. Elektrochem., Vol XXXI, 1925,
pp 542-545.

Scientific - Chemistry

S.L.A. - AL-340
77-63-20754

25,907

Jul 55

K-H-2867 JJ.

AEC

SC-T-71-3012 Uncl

DETERMINATION OF THE MELTING POINT OF CARBON.
Alterthum, H.; Fehse, W. Translated by Marcel I. Weinreich
(Sandia Labs., Albuquerque, N. Mex.), from Z, Elektrochem.;
31: 313-16(1925). 9p.

materials

ND-25 P RC

Unlimited

Determination of the Melting Point of Graphitic
Carbon, by E. Ryschkewitsch, 15 pp.
GERMAN, per, Z Elektrochem, Vol 32, 1926, pp 42-47.
AEC/SC-T-71-3015

Mar 71